

3.0基站产品测试 - 错误 #3992

3.1.3pre1T4版本vinr中异频xnng切换du出现coredump

2025-09-02 11:02 - 孙浩

状态:	已解决	开始日期:	2025-09-02
优先级:	普通	计划完成日期:	
指派给:	孙浩	% 完成:	0%
类别:		预期时间:	0.00 小时
目标版本:		耗时:	0.00 小时
问题归属:	DU	目标解决问题版本:	Rel_3.1.2
发现问题版本:	Rel_3.1.2		

描述

【问题描述】3.1.3pre1T4版本vinr中异频xnng切换du出现coredump，抓包查看重建过程流程也有异常；

```
SELECTOR: UL GBR:64000 UL MBR:64000
SELECTOR: UL GBR:974000 UL MBR:974000
SELECTOR: UL GBR:974000 UL MBR:974000
SELECTOR: UL GBR:64000 UL MBR:64000
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SELECTOR: UL GBR:974000 UL MBR:974000
SELECTOR: UL GBR:974000 UL MBR:974000
UE is configured with dedicated PID [11]
SELECTOR: UL GBR:64000 UL MBR:64000
SELECTOR: UL GBR:974000 UL MBR:974000
HANDIN UE CONTEXT ADDITION SUCCESSFUL[17031]
RG_UE_REESTABLISH 1 uecfg[17032]
./run.sh: line 14: 3583 Segmentation fault (core dumped) ./gnb_du
```

No.	Time	Source	Source port	Destination	Destination	Protocol	C-RNTI	Info	DU-UE	CU-UE	UE-NGAP	measId
9582	09:39:10.512819	192.168.62.241	38473	192.168.62.241	38472	FIAP/NR RRC		ULRRcMessageTransfer, Measurement Report MAC=0x3438bfa2	9	9		2
9583	09:39:10.635386	192.168.62.241	38473	192.168.62.241	38472	FIAP/NR RRC		ULRRcMessageTransfer, Measurement Report MAC=0xa0118147	11	11		3
9585	09:39:10.636789	192.168.62.241	38473	192.168.62.242	38422	XnAP		HandoverRequest, RRC Reconfiguration[Malformed Packet]				1,2,3
9586	09:39:10.656382	192.168.62.241	38422	192.168.62.241	38423	XnAP		HandoverRequestAcknowledge, RRC Reconfiguration				
9587	09:39:10.664329	192.168.62.241	38472	192.168.62.241	38473	FIAP/NR RRC		UEContextModificationRequest, RRC Reconfiguration MAC=0xc6ad1187	11	11		
9588	09:39:10.667180	192.168.62.241	38473	192.168.62.241	38472	FIAP		UEContextModificationResponse	11	11		
9589	09:39:10.669882	192.168.62.241	38423	192.168.62.242	38422	XnAP		SINstatusTransfer				
9590	09:39:10.702076	192.168.62.241	38422	192.168.62.241	38423	XnAP		UEContextRelease				
9591	09:39:10.713647	192.168.62.241	38472	192.168.62.241	38473	FIAP		UEContextReleaseCommand	11	11		
9592	09:39:10.713789	192.168.62.241	38473	192.168.62.241	38472	FIAP		UEContextReleaseComplete	11	11		
9597	09:39:11.547876	192.168.62.241	38473	192.168.62.241	38472	FIAP/NR RRC		ULRRcMessageTransfer, Measurement Report MAC=0xf2855c7c	9	9		2
9603	09:39:12.552748	192.168.62.241	38473	192.168.62.241	38472	FIAP/NR RRC		ULRRcMessageTransfer, Measurement Report MAC=0x3688684e	9	9		2
9607	09:39:13.640344	192.168.62.241	38473	192.168.62.241	38472	FIAP/NR RRC		ULRRcMessageTransfer, Measurement Report MAC=0x6ca402a5	9	9		2
9613	09:39:14.592747	192.168.62.241	38473	192.168.62.241	38472	FIAP/NR RRC		ULRRcMessageTransfer, Measurement Report MAC=0x5d22d9be	9	9		2
9615	09:39:15.620240	192.168.62.241	38473	192.168.62.241	38472	FIAP/NR RRC		ULRRcMessageTransfer, Measurement Report MAC=0x15219b5b	9	9		2
9627	09:39:16.632735	192.168.62.241	38473	192.168.62.241	38472	FIAP/NR RRC		ULRRcMessageTransfer, Measurement Report MAC=0x351c2238	9	9		2
9631	09:39:17.958897	192.168.62.241	38473	192.168.62.241	38472	FIAP/NR RRC		17032 InitialULRRcMessageTransfer, RRC Reestablishment Request	12			
9632	09:39:17.960426	192.168.62.241	38472	192.168.62.241	38473	FIAP/NR RRC		DLRRcMessageTransfer, RRC Reestablishment MAC=0x2170cc50	12,9	9		
9640	09:39:19.960920	192.168.62.241	38412	192.168.62.10	38412	NGAP		UEContextReleaseRequest			9	
9641	09:39:19.963696	192.168.62.10	38412	192.168.62.241	38412	NGAP		UEContextReleaseCommand			9	
9642	09:39:19.964544	192.168.62.241	38472	192.168.62.241	38473	FIAP/NR RRC		DLRRcMessageTransfer, RRC Release MAC=0x20b90719	12	9		
9643	09:39:19.964591	192.168.62.241	38472	192.168.62.241	38473	FIAP		UEContextReleaseCommand	12	9		
9647	09:39:20.063738	192.168.62.10	38412	192.168.62.241	38412	NGAP		UEContextReleaseCommand			9	
9651	09:39:20.461596	192.168.62.241	38472	192.168.62.241	38473	FIAP		UEContextReleaseCommand	12	9		
9653	09:39:20.968946	192.168.62.241	38412	192.168.62.10	38412	NGAP		UEContextReleaseComplete			9	

历史记录

#1 - 2025-09-03 11:40 - 韩伟

- 状态从新建变更为进行中

问题已定位，问题发生在语音视频业务场景下进行切换，切换过程触发重建流程，进行uid更新过程中，代码存在逻辑问题导致越界指针使用错误导致的跑死，目前问题已修改，待合入主分支。

#2 - 2025-09-05 10:51 - 韩伟

- 状态从进行中变更为转测试

- 指派给从韩伟变更为孙浩

问题已定位，代码已合入T5版本。

#3 - 2025-09-05 11:18 - 孙浩

- 文件#3992问题单验证-0902.rar 已添加

- 状态从 转测试 变更为 已解决

基于3.1.3pre1T4版本，替换韩伟提供du包，vinr中异频xnng切换多次切换流程正常，du未出现coredump，问题解决。

文件

coredump截图.jpg	105 KB	2025-09-02	孙浩
重建异常流程.png	98.2 KB	2025-09-02	孙浩
3.1.3pre1T4版本vinr中异频xnng切换du出现coredump.rar	52.1 MB	2025-09-02	孙浩
#3992问题单验证-0902.rar	42.5 MB	2025-09-05	孙浩